

FIG. 1

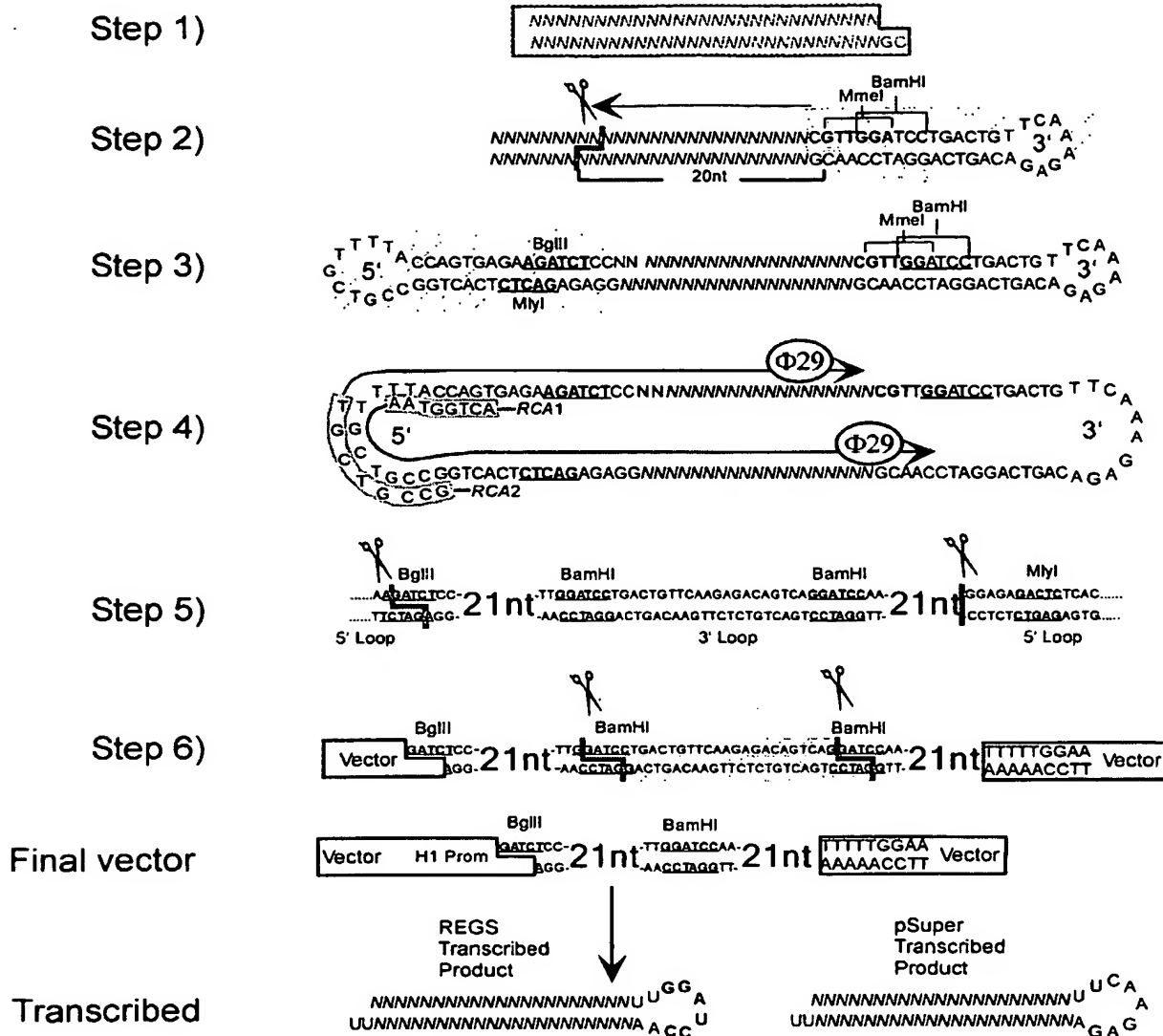
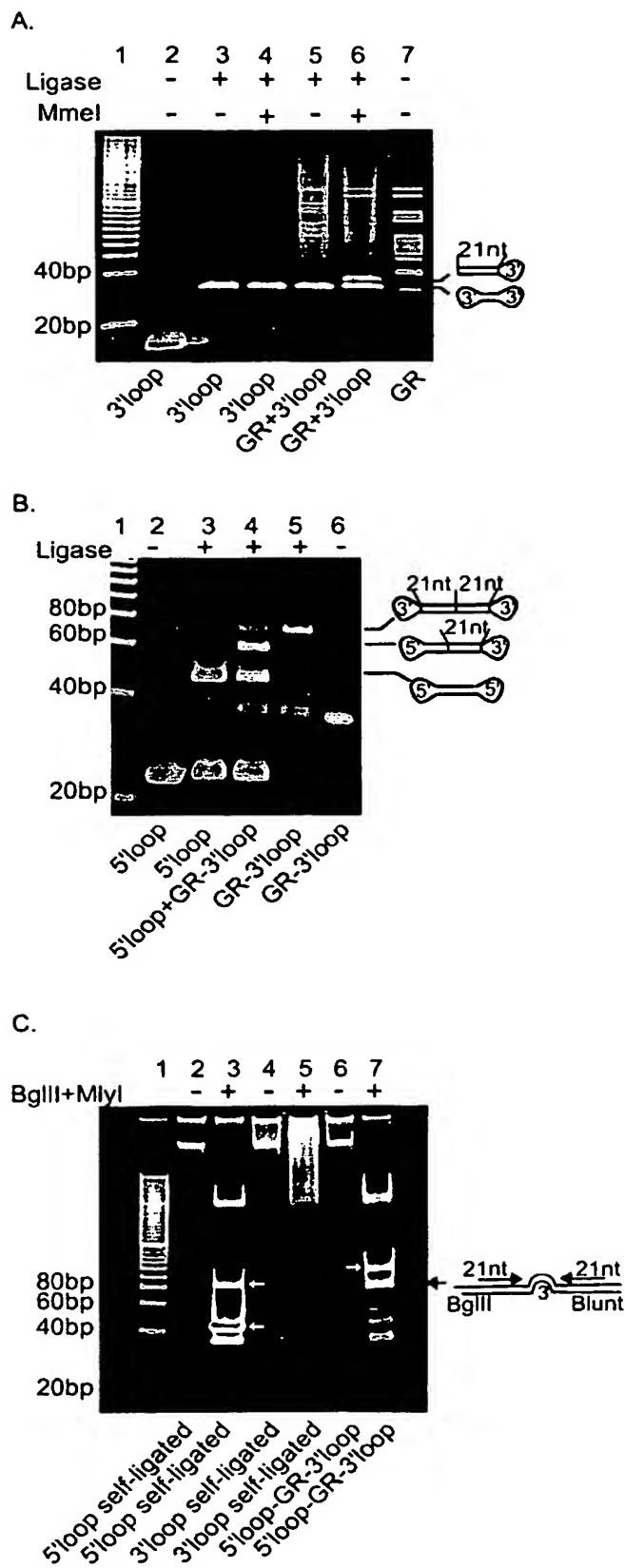


FIG. 2



BEST AVAILABLE COPY

FIG. 3

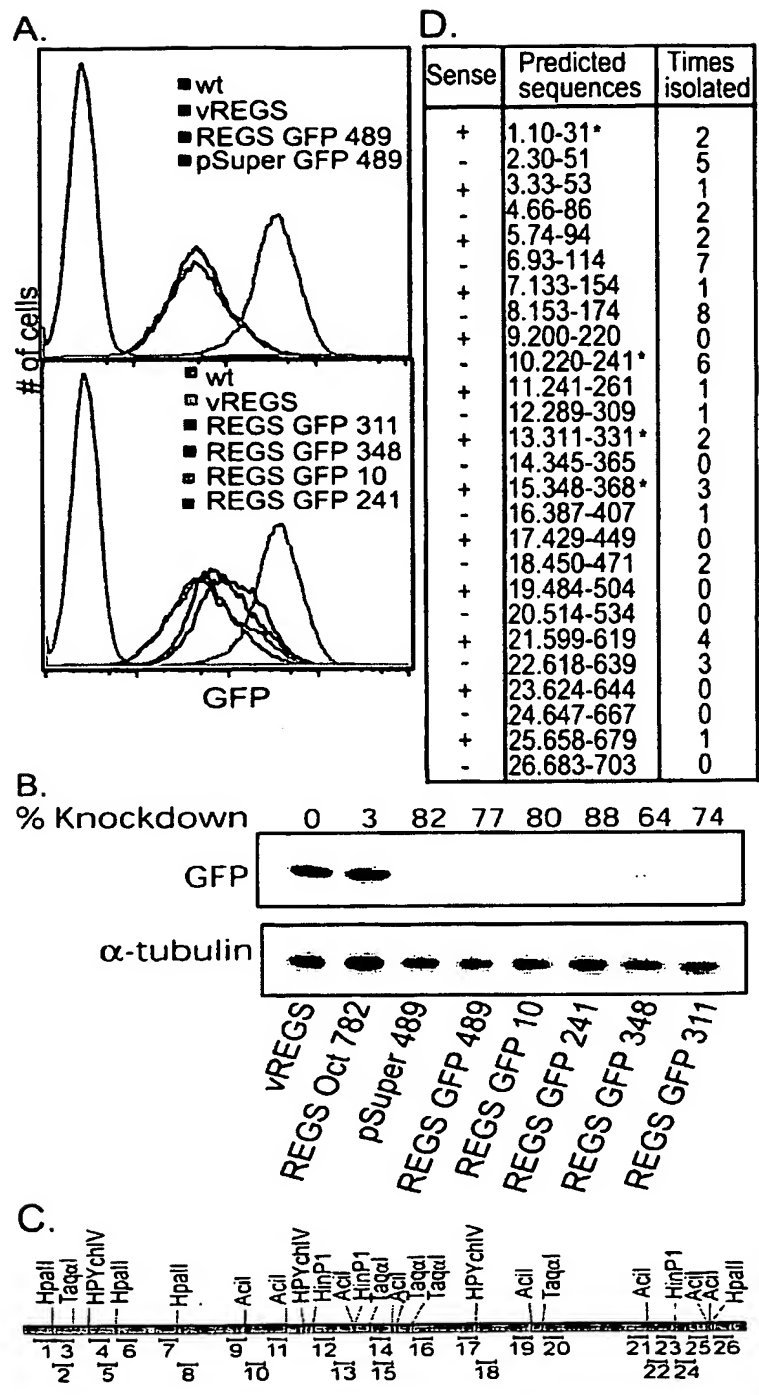
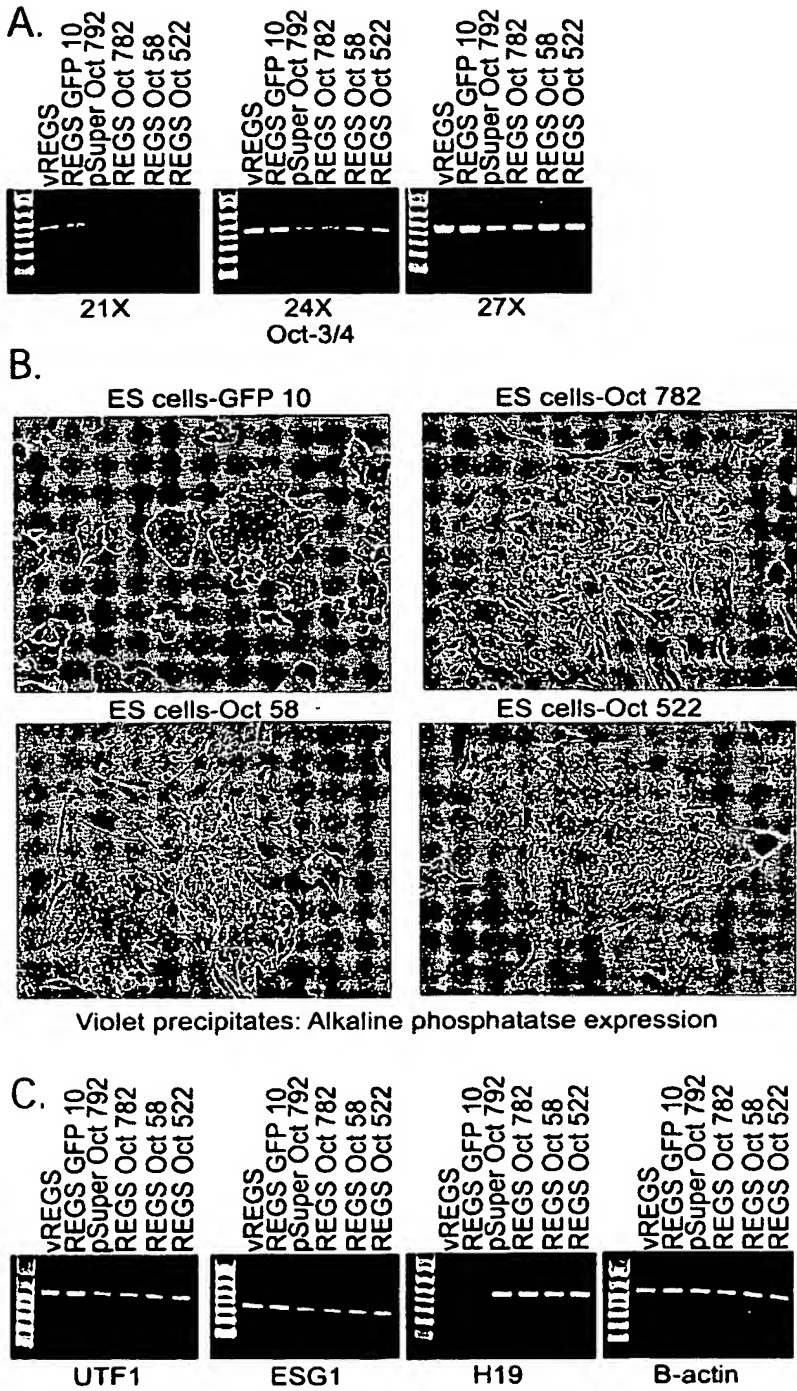
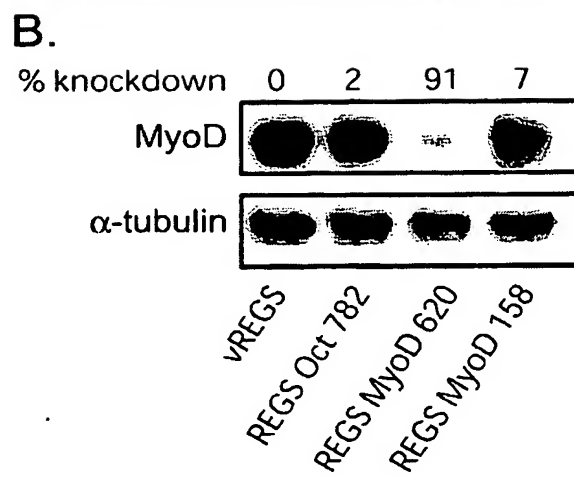
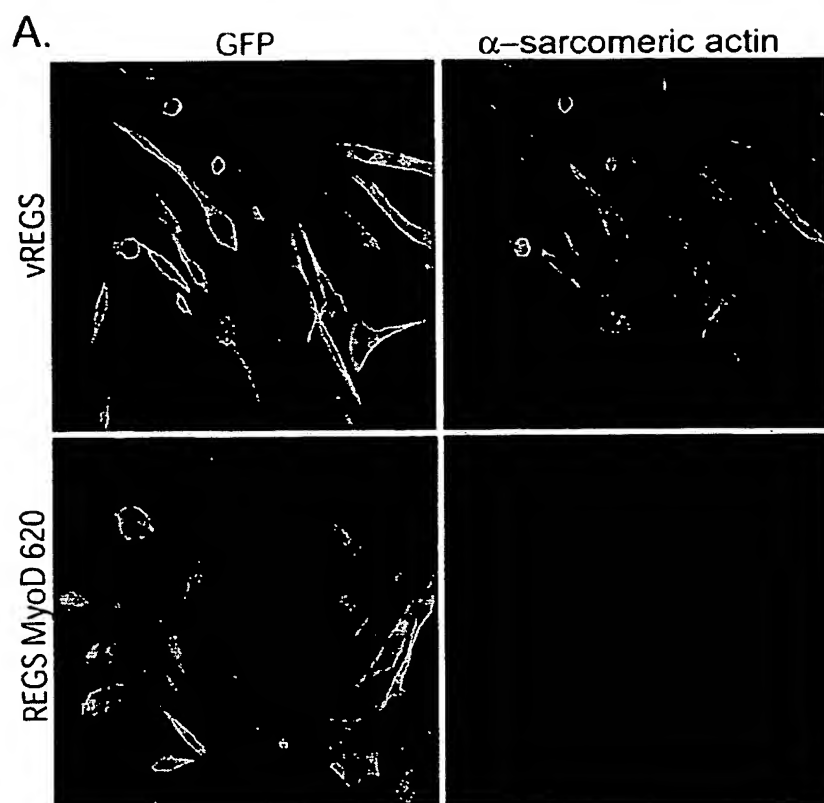


FIG. 4



BEST AVAILABLE COPY

FIG. 5



BEST AVAILABLE COPY

FIG. 6

siRNA location	Gene	Accession number
2966-2985 -	ATP7a	AK040753.1
278-258 -	Pleiotrophin	BC002064.1
3286-3269 -	RP23-263E3	AC122295.4
6296-6275 -	mitochondrial	V00711.1 MITOMM
493-473 -	GABA(A) receptor-associated protein 2	NM_026693.2
1465-1445 -	IMAGE:4527839 Ubiquitin conj. enz. homolog	BC016203.1
621-601 -	Ferritin heavy chain	BC012314.1
2427-2407 -	IMAGE:6489956	BC049362.1
3204-3225 +	exportin 7	BC029702.1
805-785 -	Bat5	NM_178592.2
415-435 +	EEF-2	BC002233.1
10533-10553 +	Y1 globin	X14061.1 VMBGCXD
2142-2122 -	ODC46	D26090.1 MUSODC46
2761-2741 -	Angiotensin converting enzyme	BC040404.1
7484-7505 +	Fatty acid synthase	BC046513.1
1549-1529 -	IMAGE:5355806 EST	BC024847.1
450-471 +	CaMKII gamma	NM_178597.2
739-760 +	Idb3	NM_008321.1
1581-1601 +	PI3K subunit p85 alpha	BC051106.1
2771-2791 +	EST IMAGE:3491837	AC123871.4
1147-1126 -	IMAGE:4194837	BC029813.1
713-692 -	enolase 1	BC024644.1
1138-1158 +	F-box only protein	BC034854.1
78-58 -	similar to ribosomal L7a	XM_193935.1
951-972 +	proprotein convertase subtilisin/kexin type 5	BC013068.1
758-779 +	Krt2-5	NM_027011.1
347-367 +	Tubulin alpha 6	BC022182.1
265-244 -	Pou5f1	NM_013633.1
488-509 +	alpha-2-HS-glycoprotein	BC019822.1
1625-1605 -	prolyl 4-hydroxylase, beta polypeptide	BC008549.1
497-518 +	guanine nucleotide binding protein	BC048834.1
3588-3567 -	ubiquitin specific protease 7	BC046963.1
768-748 -	Dtprp	NM_010088.1
2263-2284 +	similar to pol protein	XM_196572.2
1437-1417 -	Sept3	AC104325.28
891-871 -	IMAGE:1515563	AK014200.1
2002-2022 +	RIKEN cDNA C230075L19	BC048924.1
1271-1252 -	glutathione peroxidase 3 (Gpx3)	NM_008161.1
2003-2024 +	MLV-related provirus NL1 integrase	AY219562.2
13-33 +	serum/glucocorticoid regulated kinase	BC005720.1
1044-1064 +	Ca2+-dependent ER nucleoside diphosphatase	BC020003.1
2824-2846 +	Similar to cyclin L ania-6a	BC023747.1
50 Total		
22 Antisense	3 contaminating plasmid sequence	
20 Sense	3 no exact match	
	2 no insert	

BEST AVAILABLE COPY